

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089149.D
 Acq On : 20 Jul 2016 23:53
 Operator : UM/SJ
 Sample : H4112-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-01-6.0-8.0

Quant Time: Jul 21 03:16:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

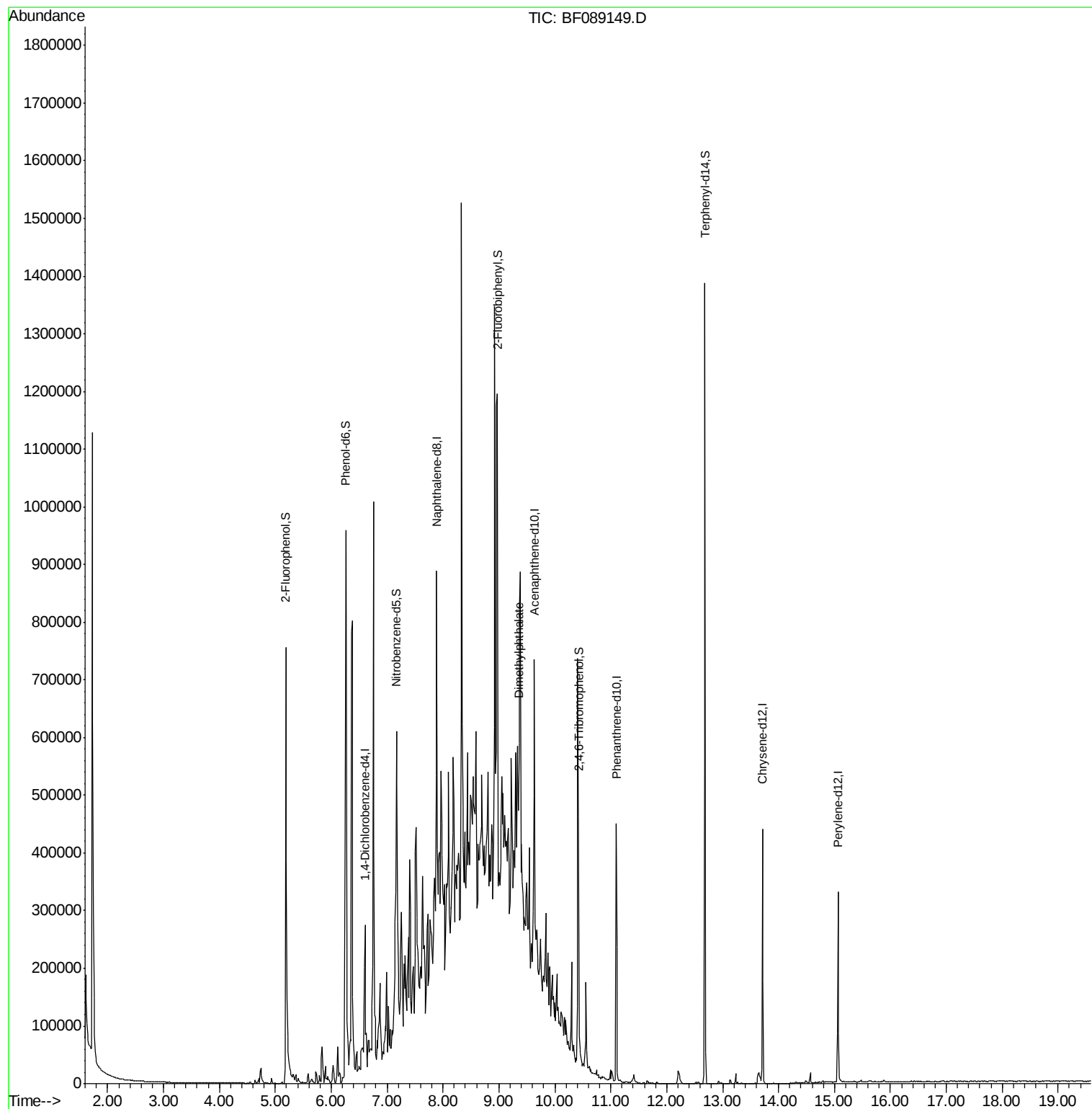
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	49494	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	205415	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	104950	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	194747	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	154724	20.00	ng	-0.01
86) Perylene-d12	15.06	264	124329	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	327187	100.54	ng	0.00
7) Phenol-d6	6.26	99	458897	109.35	ng	-0.01
23) Nitrobenzene-d5	7.16	82	260254	67.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	96237	101.85	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	460715	60.48	ng	0.00
78) Terphenyl-d14	12.69	244	441413	61.88	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.36	163	107762	13.38	ng	Qvalue 97

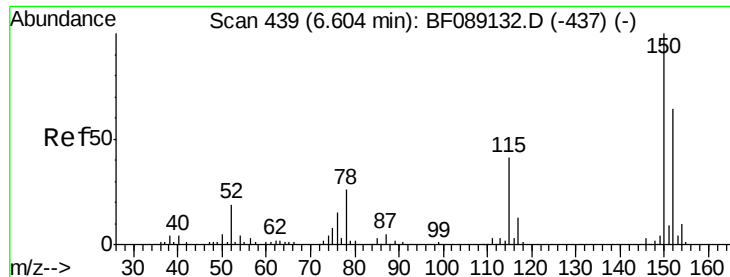
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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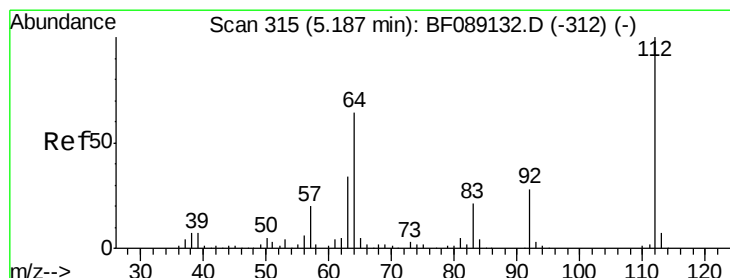
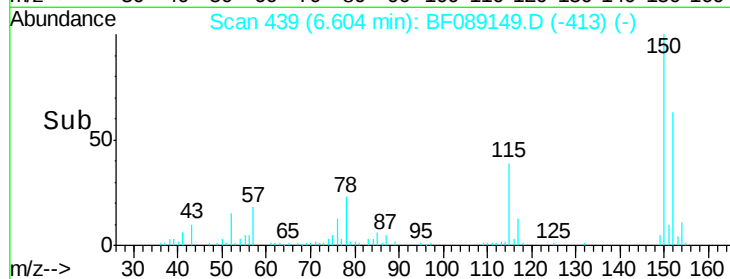
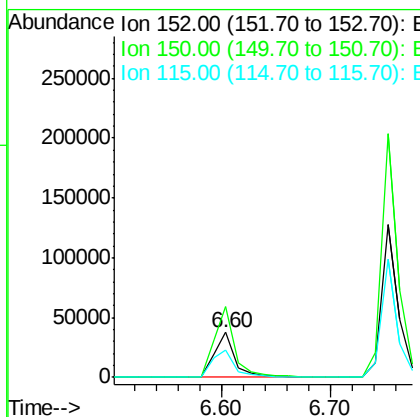
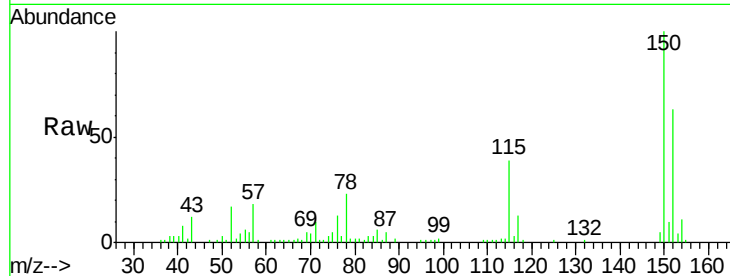




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF089149.D
 Acq: 20 Jul 2016 23:53

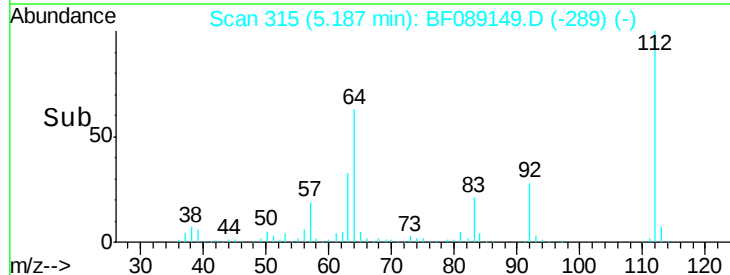
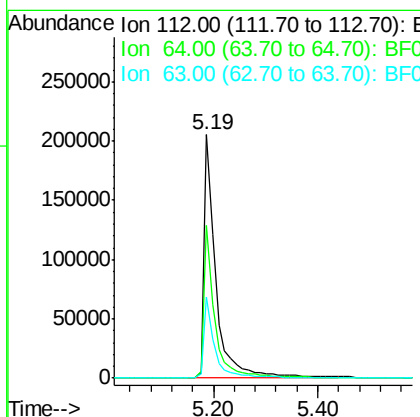
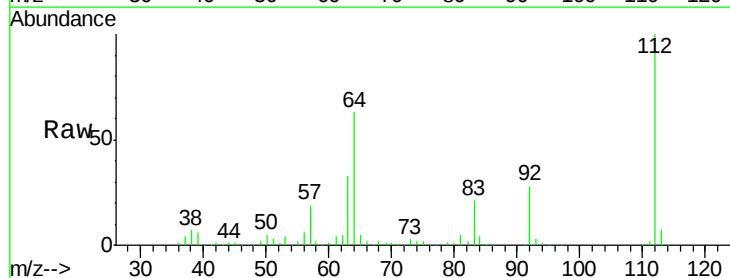
Instrument :
 BNA_F
 ClientSampleId :
 KSB-01-6.0-8.0

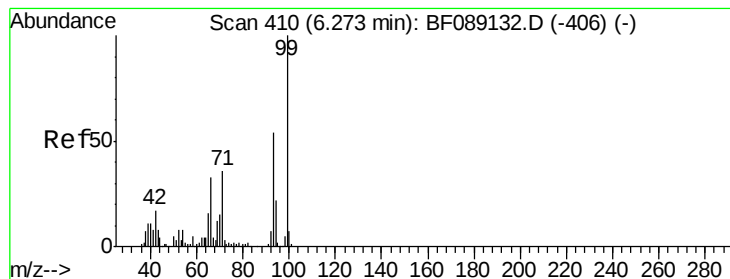
Tgt Ion:152 Resp: 49494
 Ion Ratio Lower Upper
 152 100
 150 158.4 125.1 187.7
 115 61.2 51.1 76.7



#5
 2-Fluorophenol
 Concen: 100.54 ng
 RT: 5.19 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: BF089149.D
 Acq: 20 Jul 2016 23:53

Tgt Ion:112 Resp: 327187
 Ion Ratio Lower Upper
 112 100
 64 62.6 51.0 76.4
 63 33.3 27.3 40.9





#7

Phenol-d6

Concen: 109.35 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089149.D

Acq: 20 Jul 2016 23:53

Instrument :

BNA_F

ClientSampleId :

KSB-01-6.0-8.0

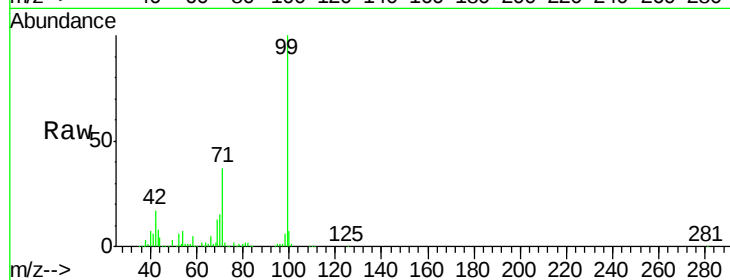
Tgt Ion: 99 Resp: 458897

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

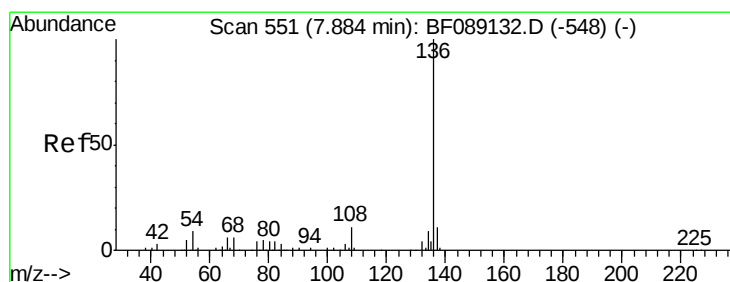
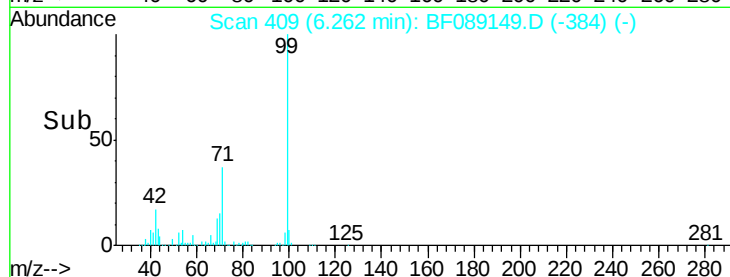
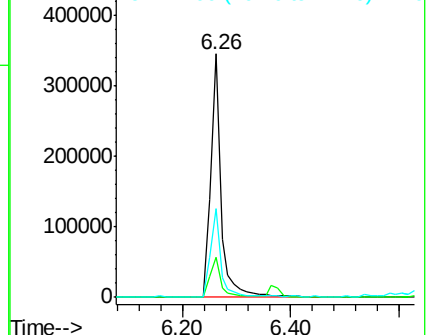
71 36.5 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089149.D

Acq: 20 Jul 2016 23:53

Tgt Ion: 136 Resp: 205415

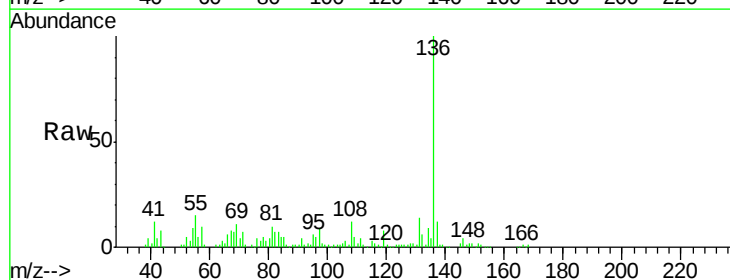
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 8.6 7.0 10.4

68 7.4 5.0 7.6

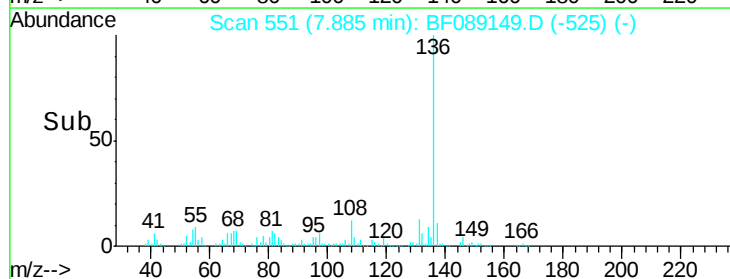
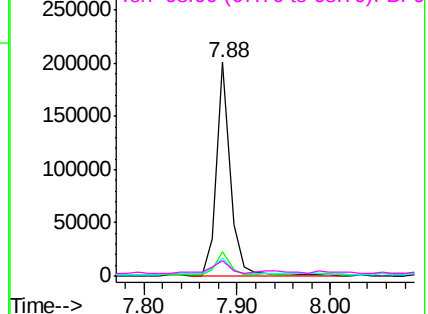


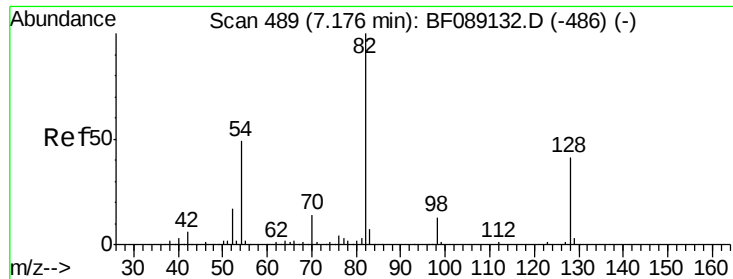
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

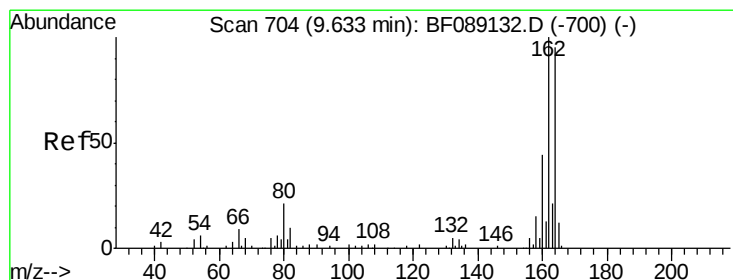
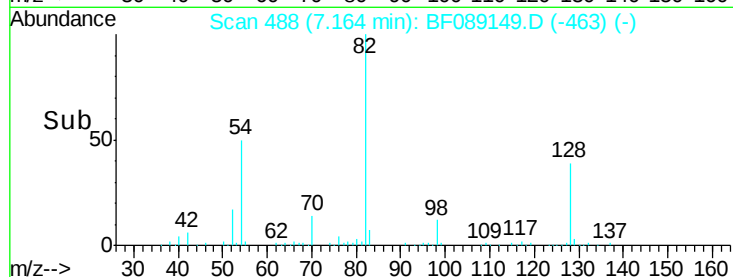
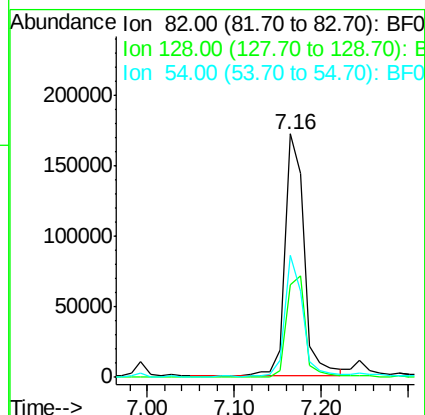
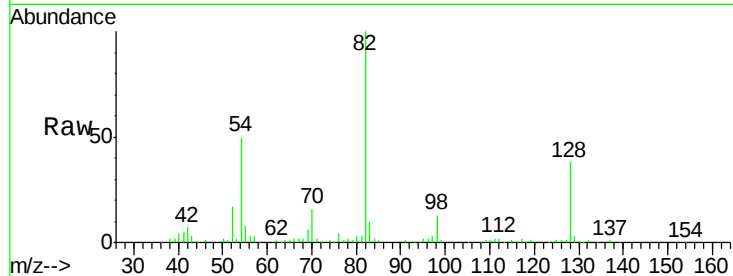




#23
 Nitrobenzene-d5
 Concen: 67.32 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089149.D
 Acq: 20 Jul 2016 23:53

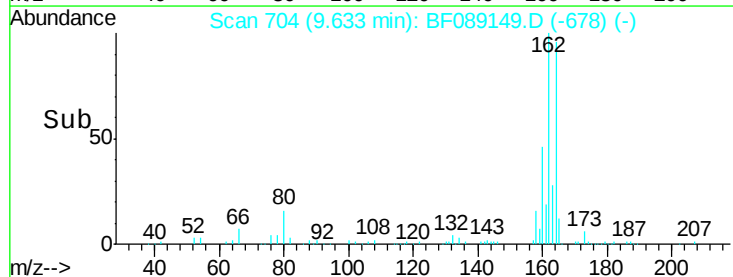
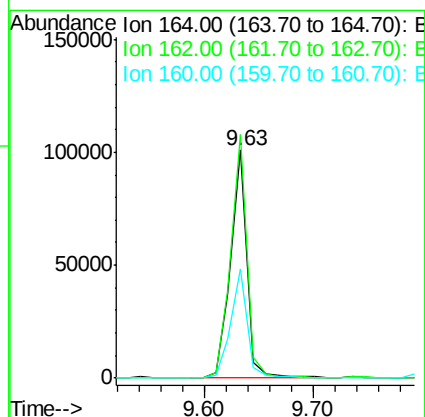
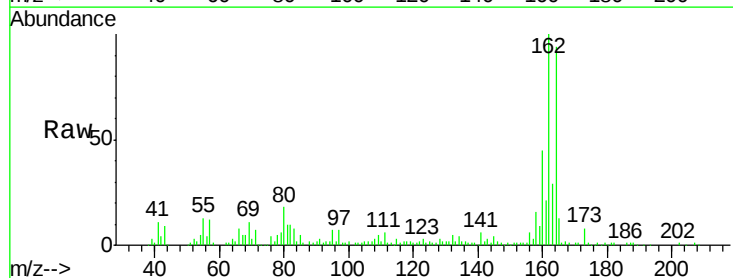
Instrument :
 BNA_F
 ClientSampleId :
 KSB-01-6.0-8.0

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.3	33.0	49.6
54	50.3	39.0	58.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089149.D
 Acq: 20 Jul 2016 23:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	84.1	126.1
160	48.1	37.1	55.7

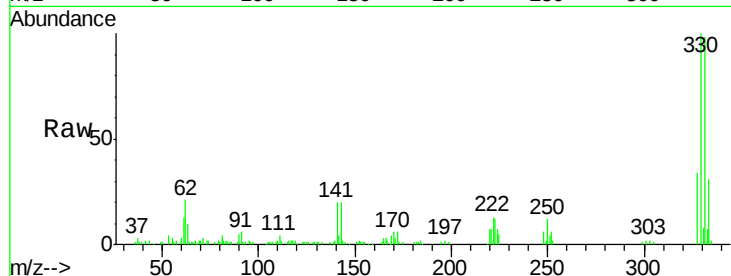




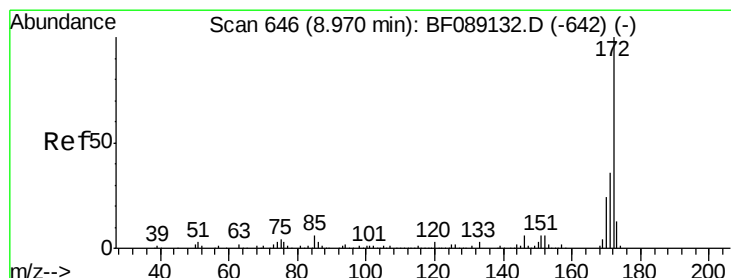
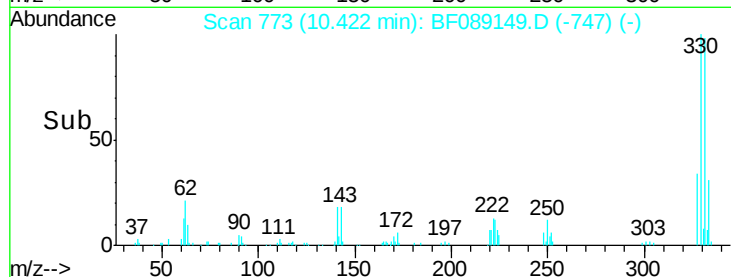
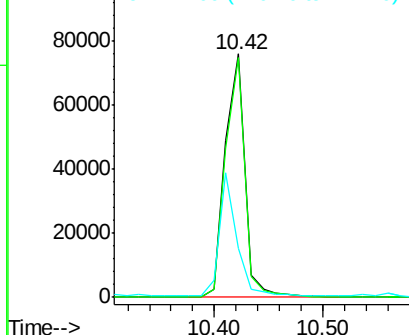
#41
 2,4,6-Tribromophenol
 Concen: 101.85 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089149.D
 Acq: 20 Jul 2016 23:53

Instrument :
 BNA_F
 ClientSampleId :
 KSB-01-6.0-8.0

Tgt Ion:330 Resp: 96237
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.2 115.8
 141 46.3 42.2 63.2

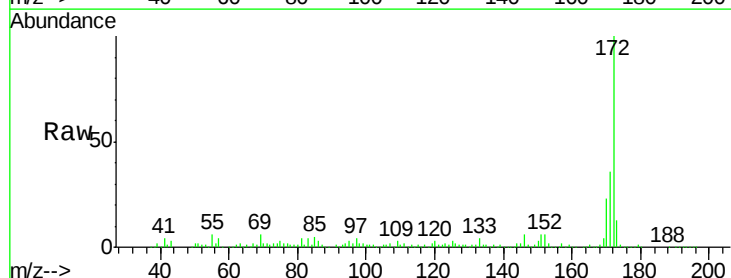


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

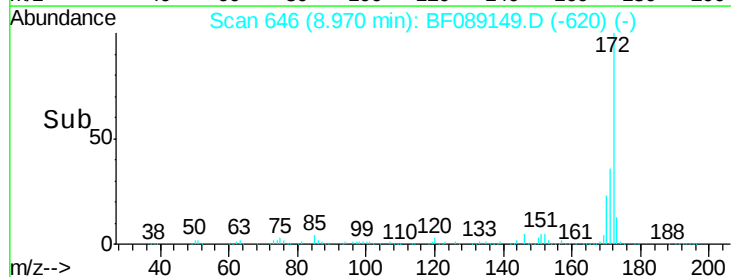
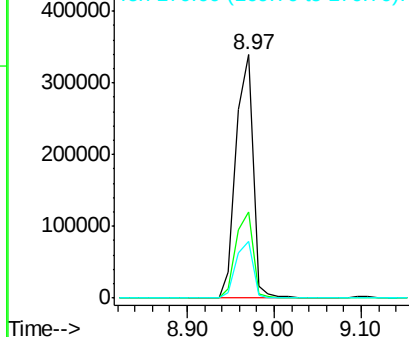


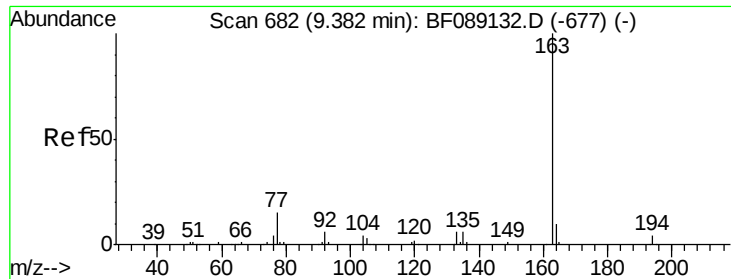
#44
 2-Fluorobiphenyl
 Concen: 60.48 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF089149.D
 Acq: 20 Jul 2016 23:53

Tgt Ion:172 Resp: 460715
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.2 43.8
 170 23.2 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

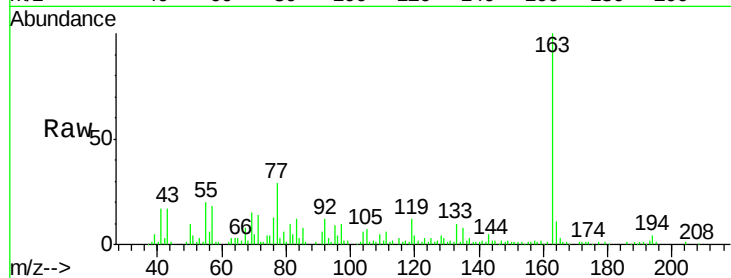




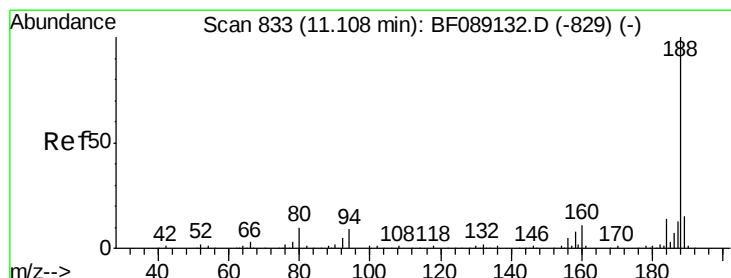
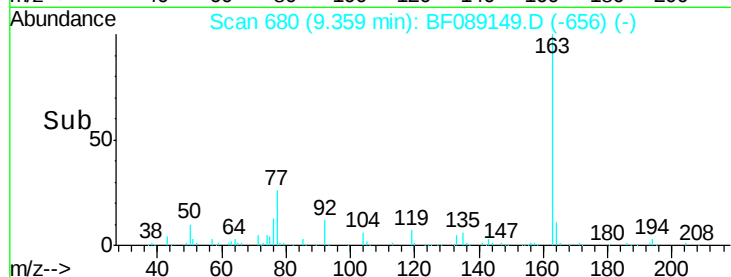
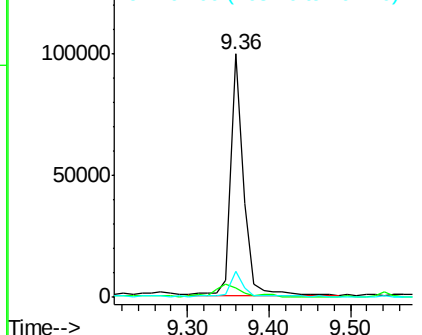
#49
Dimethylphthalate
Concen: 13.38 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089149.D
Acq: 20 Jul 2016 23:53

Instrument :
BNA_F
ClientSampleId :
KSB-01-6.0-8.0

Tgt Ion:163 Resp: 107762
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.9 7.6 11.4

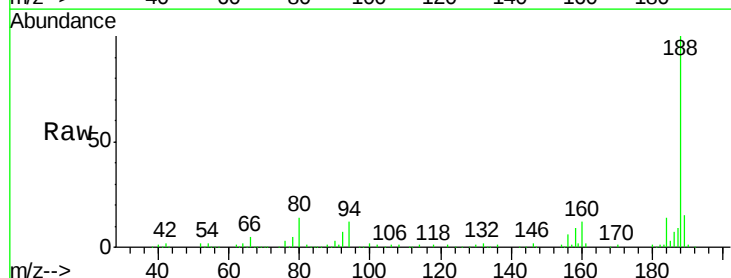


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

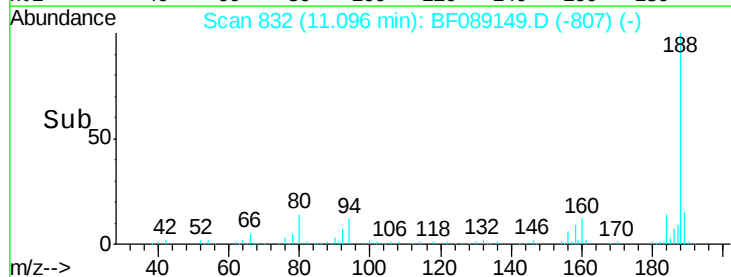
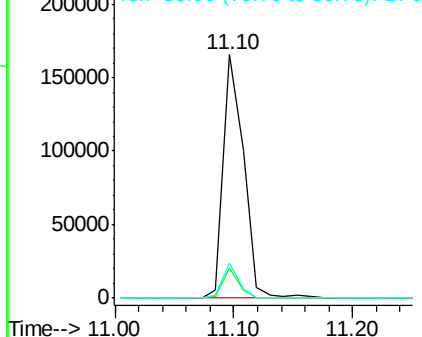


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089149.D
Acq: 20 Jul 2016 23:53

Tgt Ion:188 Resp: 194747
Ion Ratio Lower Upper
188 100
94 12.3 7.0 10.4#
80 14.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089149.D

Acq: 20 Jul 2016 23:53

Instrument :

BNA_F

ClientSampleId :

KSB-01-6.0-8.0

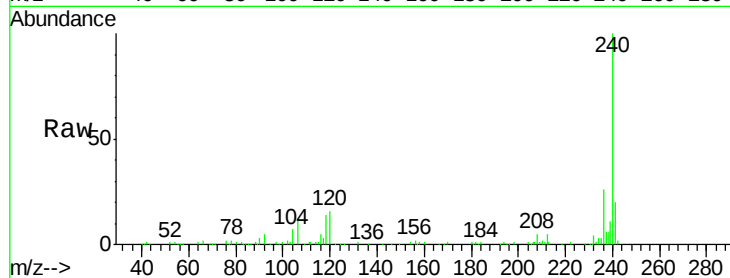
Tgt Ion:240 Resp: 154724

Ion Ratio Lower Upper

240 100

120 15.9 13.6 20.4

236 25.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

150000

100000

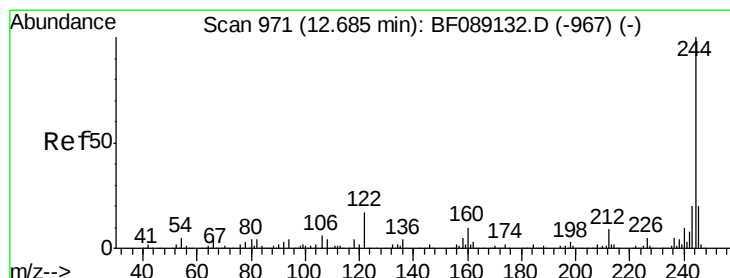
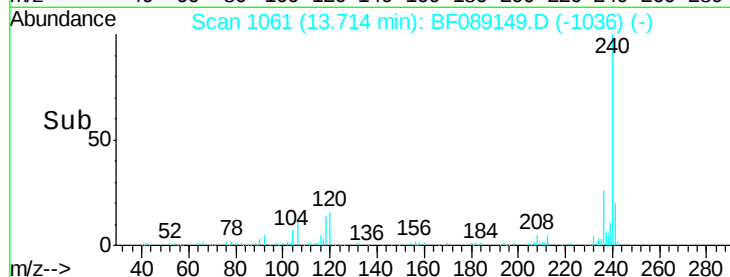
50000

0

13.65 13.70 13.75 13.80

13.71

Time-->



#78

Terphenyl-d14

Concen: 61.88 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089149.D

Acq: 20 Jul 2016 23:53

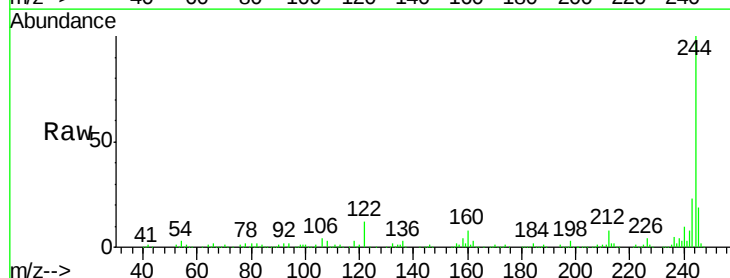
Tgt Ion:244 Resp: 441413

Ion Ratio Lower Upper

244 100

212 7.8 7.0 10.4

122 12.0 13.8 20.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

600000

500000

400000

300000

200000

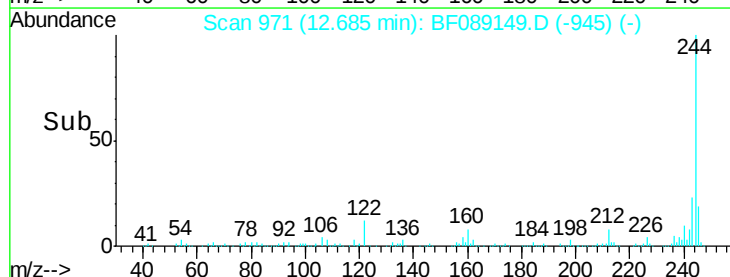
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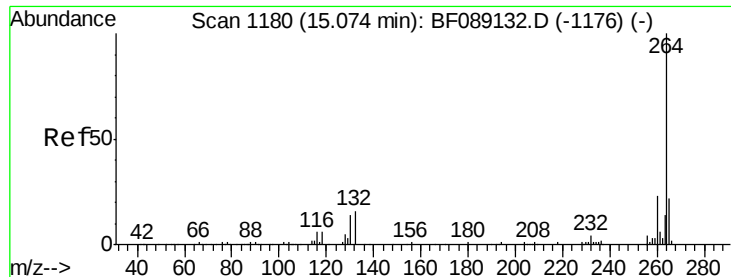
0

12.60 12.65 12.70

12.69

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF089149.D
Acq: 20 Jul 2016 23:53

Instrument :
BNA_F
ClientSampleId :
KSB-01-6.0-8.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.5	27.7
265	21.2	17.3	25.9

